



भारत सरकार  
Government of India  
विद्युत मंत्रालय  
Ministry of Power  
केन्द्रीय विद्युत प्राधिकरण  
Central Electricity Authority  
विद्युत संचार विकास प्रभाग  
Power Communication Development Division  
\*\*\*\*\*

Case No.: MP-487	
PTCC proposal for 220 kV SC transmission line from "M/S SBESS Services Projectco Two Private Ltd." wind generation switchyard to MPPTCL 400 kV Badnawar substation, district Dhar: 2.65 km	
Reference:	
S. No.	Reference No.
(i)	M/s SBESS Services Projectco two Pvt. Ltd. : SSPTPL/MP/PTCC/2020-21/010
(ii)	BSNL: PTCC/WR/2020-21/MP
(iii)	Western Railway: SG. 158/28/12/1156
(iv)	M/s SBESS Services Projectco two Pvt. Ltd.: SSPTPL/MP/PTCC/2020-21/12
	Dated
	30.06.2021
	23.07.2021
	03.08.2021
	06.08.2021

The PTCC proposal submitted vide reference (i) has been examined. The LF induction on telecom cables of BSNL and Block & Telecom circuits of Western Railway with respect to details furnished vide above references (ii) and (iii) respectively has been computed. The voltages likely to be induced on paralleling telecom cables of BSNL and Block & Telecom circuits of Western Railway under Single Line to Ground fault condition are enclosed at Annexure-I and Annexure-II respectively. The screening factors, as applicable, have been considered.

Telecommunication details from the Defense Authority are pending. Vide reference (iv) above, the power authority has shown urgency for the charging of the proposed power line. Taking above into consideration, necessary action regarding issuance of provisional PTCC route approval for 220 kV S/C transmission line from "M/S SBESS Services Projectco Two Private Ltd." wind generation switchyard to MPPTCL 400 kV Badnawar substation, district Dhar may be taken.

Encl.: As above.

Digitally signed by RAGHVEN DRA PRATAP SINGH  
Date: 2021.08.10 10:13:16 IST

Director

To,		
1.	Divisional Engineer (PTCC), Western Zone	Bharat Sanchar Nigam Limited (BSNL), Inspection Circle, 3 <sup>rd</sup> floor, D-Wing, BSNL Admin Building, Juhu Tara Road, Santacruz (West), Mumbai-400054.
2.	Dy. CSTE/Co/CCG.	O/o PCSTE, S&T Dept., 5 <sup>th</sup> floor, Station Building, Church Gate, Mumbai-400020.
3.	M/s SBESS Services Projectco Two Private Ltd.	1 <sup>st</sup> floor, Worldmark-2, Asset Area-8, Hospitality District, Aerocity, NH-8, Delhi-110037.
		Annexure-I only
		Annexure-II only
		Copy for information

M/c

**ANNEXURE - II**

**Case No.:** MP-487

**Name of the Power line:** 220 kV SC transmission line from "M/S SBESS Services Projectco Two Private Ltd." wind generation switchyard to MPPTCL 400 kV Badnawar substation, district Dhar.

**Map Scale** : 1 cm=500 m  
**Total Length** : 2.65 km  
**S.R. Value** : 10,000 ohm-cm

S.No.	Telecom. Details	Length of Parallelism in Km.	Mutual Coupling in Ohms.	Effective Fault current in Amps.	I.V in Volts.
-------	------------------	------------------------------	--------------------------	----------------------------------	---------------

Western Railway: SG. 158/28/12/1156 Dated: 03/08.2021

**Affected Blocks & Telecom Circuits Details**

1	Barnagar to Runija	Outside IV consideration zone	00
2	Runija to Nauganwan	Outside IV consideration zone	00



तनुज / TANUJ  
 सहायक निदेशक-II/Asstt. Director-II  
 केन्द्रीय विद्युत प्राधिकरण/C.E.A  
 विद्युत विभाग/Ministry of Power  
 भारत सरकार/Govt. of India  
 नई दिल्ली/New Delhi-66

CEA: MP-487.

(Annexure - I)

Page 2 of 2

Details of BSNL U/G Cables (Including Armored OFC/Excluding OFC)

SR: 10,000-2cm

S. No.	Name of Telecom Line/ Cable	IV calculn.	No. of Pair	Length of cable
1.	Muthan UG Cable	IV less than 430v	100 pair	500 mtr
2.	Badnare Main Exchange Out of Parallelism		100 pair	500 mtr
			1800 pair	2 Km.

*[Signature]*

ANIL KUMAR  
 सहायक निदेशक-II / Asst. Director-II  
 केन्द्रीय विद्युत प्रशासन / C.E.A.  
 विद्युत मंत्रालय / Ministry of Power  
 भारत सरकार / Govt. of India  
 नई दिल्ली / New Delhi-68